

102803

**UTILITY PATENT
APPLICATION TRANSMITTAL**
(Only for new nonprovisional applications
under 37 CFR 1.53(b))

16638 U.S.PTO
Check Box, if applicable [] Duplicate

Attorney Docket No. 032066 Total Pages

First Named Inventor or Application Identifier

Masahiro MORIWAKI

Express Mail Label No.

APPLICATION ELEMENTS FOR:
**RESISTANCE-HEATING ELEMENT, AND ELECTRIC
RESISTANCE FURNACE USING THE SAME**

ADDRESS TO:

Commissioner for Patents
MAIL STOP PATENT APPLICATION
P. O. Box 1450
Alexandria, VA 22313-1450

1. [XX] Fee Transmittal Form (Incorporated within this form)

2. [XX] Specification Total Pages [31]

3. [XX] Drawing(s) (35 USC 113) Total Sheets [7]

4. [XX] Oath or Declaration Total Pages [2]

a. [XX] Newly executed (original)

b. [] Copy from prior application (37 CFR 1.63(d)
(for continuation/divisional with Box 17 completed).i. [] Deletion of Inventor(s)Signed statement attached deleting inventor(s) named in prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).

5. [] Incorporation by reference (useable if box 4b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.

6. [] Microfiche Computer Program (Appendix)

7. [] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a. [] Computer Readable Copy
- b. [] Paper Copy (identical to computer copy)
- c. [] Statement Verifying identity of above copies

ACCOMPANYING APPLICATION PARTS8. [XX] Assignment Papers (cover sheet and document(s)) to: **SHINAGAWA REFRactories CO., LTD., Tokyo, Japan**
Please publish the assignee data with the application.

9. [] 37 CFR 3.73(b) Statement (when there is an assignee) [XX] Power of Attorney

15535 U.S.PTO
10/694360

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10. English translation Document (if applicable)

11. Information Disclosure Statement Copies of IDS Citations

12. Preliminary Amendment

13. Return Receipt Postcard (MPEP 503)

14. Small Entity Status is claimed.

15. Claim for Convention Priority [1] Certified copy of Priority Document is enclosed.

a. Priority of Japanese application No. 2002-313729 filed on October 29, 2002 is claimed under 35 USC 119.

16. Other _____

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

Continuation Division Continuation-in-part (CIP) of prior application no. ____ / ____

FEE TRANSMITTAL	Number Filed	Number Extra	Rate	Basic Fee
The filing fee is calculated below				\$770.00
Total Claims	10 - 20		x \$18.00	
Independent Claims	2 - 3		x \$86.00	
Multiple Dependent Claims			\$290.00	
			Basic Filing Fee	770.00
Reduction by 1/2 for small entity				
Fee for recording Assignment			\$40.00	40.00
TOTAL				\$810.00

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[XX] A check in the amount of \$810.00 is enclosed to cover the filing fee of \$770.00 and the assignment recordation fee of \$40.00.

[] Please charge our Deposit Account No. **50-2866** in the total amount of _____ to cover the filing fee and the _____ assignment recordation fee. A duplicate of this sheet is attached.

[XX] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. **50-2866**. A duplicate of this sheet is attached.

18. CORRESPONDENCE ADDRESS:

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
1250 Connecticut Avenue, N.W.
Suite 700
Washington, D.C. 20036
Customer No. 38834

SUBMITTED BY

Typed or Printed Name **Stephen G. Adrian** Reg. No. **32,878**

Signature  Date: **October 28, 2003**

SGA/yap

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